

LOCKHEED AIRCRAFT CORPORATION
MISSILE SYSTEMS DIVISION
 Sunnyvale, California

PURCHASE ORDER
CHANGE NOTICE

DATE	PAGE	OF	NUMBER
6/29/59	1	1	100-7 (CFFF)

REQUEST NO.
 B 1033, 49197, 35111, 49192

IN REPLY REFER TO:

Amendment No. 3

FAIRCHILD CAMERA AND INSTRUMENT CO.
 300 ROBBINS LANE
 SYOSSET, L. I., NEW YORK

Please incorporate the following changes in the subject purchase order:

To incorporate Item 6 and the charges

thereof.
 Add the following item in the WORK STATEMENT:

Item 6 - Conduct a reliability study program on three time totalizer systems, each system to consist of a time totalizer and a digitote unit.

Under Delivery, add the following:

Item 6 - This study to be completed by July 15, 1959

Under Funds Authorized, add the following:

Item 6 - Engineering Estimate	\$13,492.33
Fixed Fee	1,011.92
Total Cost Item 6	\$14,504.25

Delete the present total funds authorized figure of \$73,524.61 stated in Amendment #2, dated 3/30/59 and, in lieu thereof, insert "\$88,028.86".

All other terms and conditions and requirements heretofore specified and not changed hereby remain in effect.

REASON: To establish an anticipated life for the system under test conditions as specified in the document "Life Test Time Totalizer" dated 26 March 1959, designated Addendum #1 to this Purchase Order Change Notice, and attendant increase in Contract amount.

All correspondence, including reports, invoices, bills of material, etc., transmitted via U.S. Govt. mail shall be addressed to Palo Alto, California

These instructions supplement, and are to be considered a part of the subject purchase order which shall remain in full force and effect except as altered hereby, unless you notify us at once that further changes are necessary.

REFERENCES

Request

COPY

ADDENDUM NO. 1

LIFE TEST

TIME TOTALIZER

1. Perform incoming inspection and acceptance testing of 3 qualified digitotes.
2. Perform acceptance testing of three time totalizer pulse generators. (Three of 15 deliverable units now contracted for.)
3. Install all three time totalizer systems in a vacuum chamber and maintain vacuum at 10^{-1} mm mercury throughout the test.
4. Start and stop each totalizer system 100 times -- On periods 20 seconds, off periods 10 minutes. Record readout of 1's wheel of each digitote to detect any failure to start. Monitor critical waveforms of each totalizer pulse generator to detect any deterioration in performance.
5. Start life test. Operate each totalizer system until its total count is 5,000,000 or until prior failure. Monitor readout of 1's wheel continuously to detect failure. Monitor critical waveforms to detect any deterioration in performance.
6. Time totalizer systems used in test to be delivered at conclusion of test. These three systems may be reordered if replacement is deemed necessary.
7. Test results to be summarized in an engineering report to be delivered within 10 days of the conclusion of the test.
8. Test to be completed by July 15, 1959.
9. While life test is in progress, investigate design improvements which may be incorporated in the time recording equipment to enhance its reliability. Execute preliminary design of several of the more promising design improvements.